

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-33 canceled.

33. (New) A method of treating a human or animal body comprising:

identifying a body wound area of at least one of a skin flap and skin graft;  
and

applying shock waves from a shock wave applicator to the wound area  
with from 200 to 5000 impulses at an energy flux density of from  $0.05 \text{ mJ/mm}^2$  to  
 $0.3 \text{ mJ/mm}^2$ .

34. (New) The method of claim 33 further comprising applying shock waves with at least 500 impulses.

35. (New) The method of claim 34 further comprising applying shock waves with from 500 to 3500 impulses at an energy flux density of from  $0.1 \text{ mJ/mm}^2$  to  $0.2 \text{ mJ/mm}^2$ .

36. (New) The method of claim 35 wherein the shock waves include focused shock waves.

37. (New) The method of claim 33 wherein the shock waves include unfocused shock waves.

38. (New) The method of claim 33 wherein the shock waves include focused shock waves.

39. (New) The method of claim 36 further comprising applying shock waves to a wound area of more than 5 cm<sup>2</sup>.
40. (New) The method of claim 36 further comprising applying shock waves to a wound area of more than 10 cm<sup>2</sup>.
41. (New) The method of claim 33 further comprising applying shock waves to a wound area of more than 10 cm<sup>2</sup>.
42. (New) The method of claim 33 further comprising applying shock waves to a wound area of more than 5 cm<sup>2</sup>.
43. (New) The method of claim 35 further comprising applying shock waves to a wound area of more than 10 cm<sup>2</sup>.
44. (New) The method of claim 38 further comprising applying shock waves to a wound area of more than 5 cm<sup>2</sup>.
45. (New) The method of claim 38 further comprising applying shock waves to a wound area of more than 10 cm<sup>2</sup>.
46. (New) A method of treating a human or animal body comprising applying a shock waves to a wound area of at least one of a skin flap and skin graft in sufficient number and energy to inhibit growth of a necrotic zone area in the wound area.
47. (New) The method of claim 46 further comprising applying a plurality of focused shock waves to the wound area with a shock wave applicator.
48. (New) The method of claim 46 further comprising applying a plurality of unfocused shock waves to the wound area with a shock wave applicator.
49. (New) The method of claim 46 comprising applying shock waves to the wound area with a shock wave applicator with from 200 to 5000 impulses at an energy flux density of from 0.05 mJ/mm<sup>2</sup> to 0.3 mJ/mm<sup>2</sup>.

50. (New) The method of claim 49 comprising applying shock waves to the wound area with a shock wave applicator with from 500 to 3500 impulses at an energy flux density of from  $0.1 \text{ mJ/mm}^2$  to  $0.2 \text{ mJ/mm}^2$ .

51. (New) The method of claim 50 further comprising applying at least 500 focused shock waves to the wound area having an energy flux density of from  $0.1 \text{ mJ/mm}^2$  to  $0.2 \text{ mJ/mm}^2$ .

52. (New) The method of claim 51 further comprising applying said at least 500 shock waves to more than  $5 \text{ cm}^2$  of the wound area.

53. (New) The method of claim 52 further comprising applying said at least 500 shock waves to more than  $10 \text{ cm}^2$  of the wound area.

54. (New) The method of claim 49 further comprising applying shock waves to more than  $5 \text{ cm}^2$  of the wound area.

55. (New) The method of claim 49 further comprising applying shock waves to more than  $10 \text{ cm}^2$  of the wound area.